




## Product datasheet

### Anti-FOXP3 antibody ab75763

★★★★★ [1 Abreviews](#) [7 References](#) [5 Images](#)

#### Overview

<b>Product name</b>	Anti-FOXP3 antibody
<b>Description</b>	Rabbit polyclonal to FOXP3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat <b>Predicted to work with:</b> Cow, Cat, Human, Pig, Monkey, Cynomolgus monkey, Rhesus monkey, Deer 
<b>Immunogen</b>	Synthetic peptide corresponding to Mouse FOXP3 aa 200-300. The peptide was post synthetically modified to achieve desired antigenicity before coupling to a carrier protein. Database link: <a href="#">Q99JB6</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab75763 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500. Detects a band of approximately 52-55, 25-29 kDa (predicted molecular weight: 47 kDa).
IHC-P	★★★★★ (1)	1/100.

## Target

### Function

Probable transcription factor. Plays a critical role in the control of immune response.

### Involvement in disease

Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) [MIM:304790]; also known as X-linked autoimmunity-immunodeficiency syndrome. IPEX is characterized by neonatal onset insulin-dependent diabetes mellitus, infections, secretory diarrhea, thrombocytopenia, anemia and eczema. It is usually lethal in infancy.

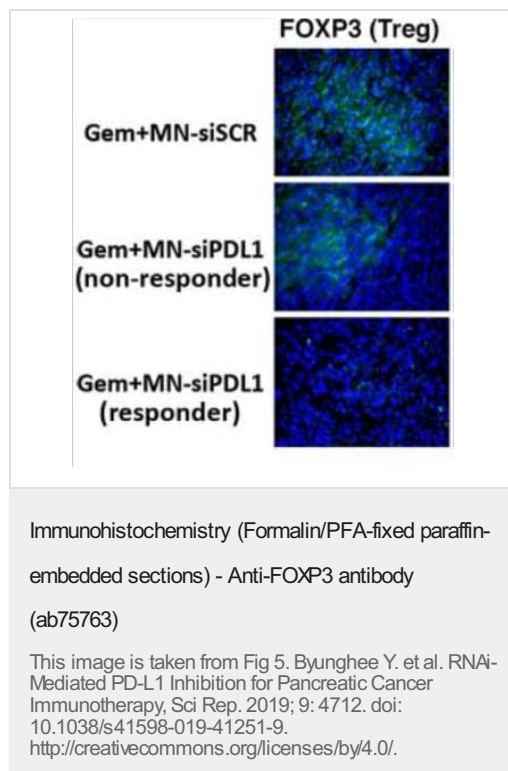
### Sequence similarities

Contains 1 C2H2-type zinc finger.  
Contains 1 fork-head DNA-binding domain.

### Cellular localization

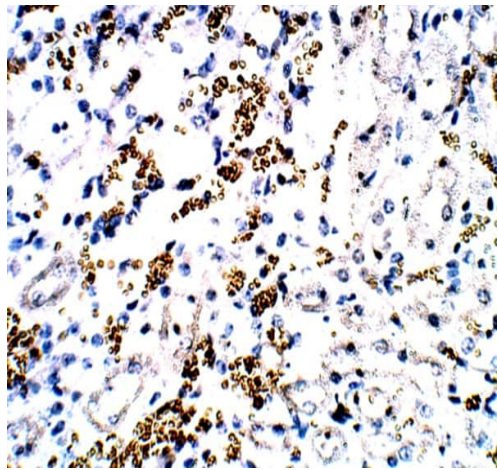
Nucleus.

## Images



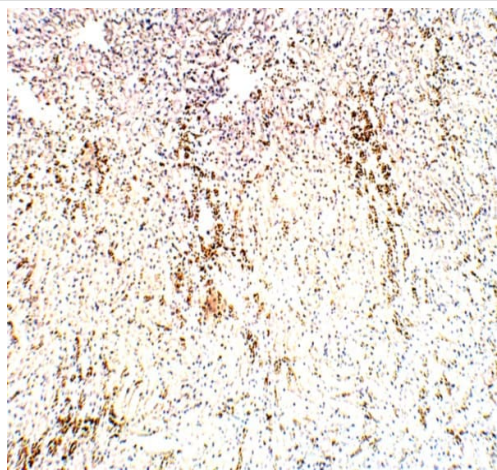
Immunofluorescence of tumors from mice treated with MN-siPDL1 and gemcitabine. There was evidence of an increase in cell-mediated cytotoxicity, as evidenced by a decrease in the infiltration by immunosuppressive Foxp3 + regulatory T (Treg) cells detected using ab75763.

This image has been cropped from the original figure.



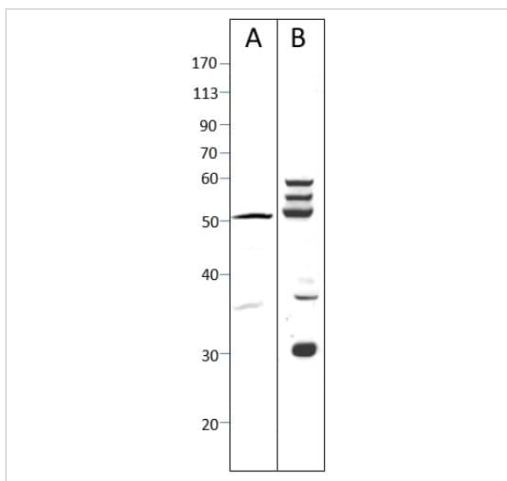
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody (ab75763)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of Mouse kidney tissue staining FOXP3 using ab75763 at 1/100. DAB staining (brown) Hematoxylin QS counterstain (blue).



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of Mouse kidney tissue staining FOXP3 using ab75763 at 1/100. DAB staining (brown) Hematoxylin QS counterstain (blue).



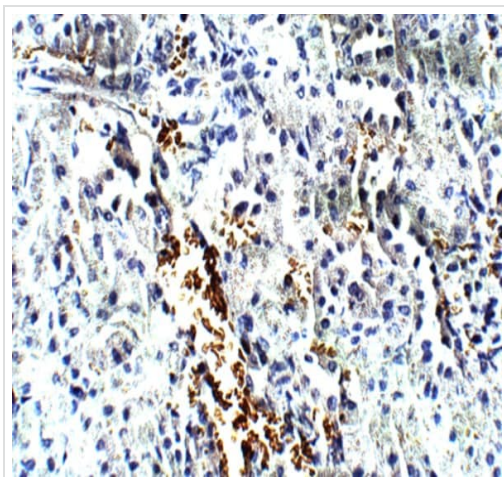
Western blot - Anti-FOXP3 antibody (ab75763)

**All lanes :** Anti-FOXP3 antibody (ab75763) at 1/500 dilution

**Lane 1 :** rat kidney lysate

**Lane 2 :** rat cerebral cortex lysate

**Predicted band size:** 47 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody (ab75763)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of Rat kidney tissue staining FOXP3 using ab75763 at 1/100. DAB staining (brown) Hematoxylin QS counterstain (blue).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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